A			
	Application No.	Applicant(s)	
Notice of Allowability	09/763,138	BECKER ET AL.	
	Examiner	Art Unit	 -
	Laura M Schillinger	2813	
The MAILING DATE of this communication at All claims being allowable, PROSECUTION ON THE MERITS herewith (or previously mailed), a Notice of Allowance (PTOLNOTICE OF ALLOWABILITY IS NOT A GRANT OF PATEN of the Office or upon petition by the applicant. See 37 CFR 1. 1. This communication is responsive to 8/1/03.	IS (OR REMAINS) CLOSED in 85) or other appropriate community TRIGHTS. This application is s	this application. If not included inication will be mailed in due course.	. THIS e initiative
 2. The allowed claim(s) is/are 18,20-28 and 35-40. 3. The drawings filed on 20 April 2001 are accepted by th 4. Acknowledgment is made of a claim for foreign priority a) All b) Some* c) None of the: 		(f).	
 Certified copies of the priority documents h 	nave been received.		
Certified copies of the priority documents h	ave been received in Application	n No	
3. Copies of the certified copies of the priority International Bureau (PCT Rule 17.2(a))		I in this national stage application from	m the
* Certified copies not received: 5. Acknowledgment is made of a claim for domestic priorit (a) The translation of the foreign language provision	al application has been receive	d.	
Acknowledgment is made of a claim for domestic priorit	ty under 35 U.S.C. §§ 120 and/o	or 121.	
Applicant has THREE MONTHS FROM THE "MAILING DATE below. Failure to timely comply will result in ABANDONMENT 7. A SUBSTITUTE OATH OR DECLARATION must be supported by the support of the	of this application. THIS THR ubmitted. Note the attached EX	EE-MONTH PERIOD IS NOT EXTEN AMINER'S AMENDMENT OF NOTICE	NDABLE
 8. CORRECTED DRAWINGS must be submitted. (a) including changes required by the Notice of Drafts 1) hereto or 2) to Paper No (b) including changes required by the proposed drawincle including changes required by the attached Examination 	ng correction filed, which	h has been approved by the Examine	
Identifying indicia such as the application number (see 37 CF each sheet.	R 1.84(c)) should be written on t	ne drawings in the front (not the back) o	of
 DEPOSIT OF and/or INFORMATION about the deattached Examiner's comment regarding REQUIREMENT FO 			€
Attachment(s)			
 1 Notice of References Cited (PTO-892) 3 Notice of Draftperson's Patent Drawing Review (PTO-948 5 Information Disclosure Statements (PTO-1449), Paper Notes 7 Examiner's Comment Regarding Requirement for Deposition of Biological Material 	5) 4☐ Interview 5 6⊠ Examine	f Informal Patent Application (PTO-15 y Summary (PTO-413), Paper No r's Amendment/Comment r's Statement of Reasons for Allowar	_·
		CARL WHITEHEAD, JR.	

DETAILED ACTION

This Office Action is in response to the Amendment made on 8/1/03.

EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Richard Mayer on 11/14/03.

The application has been amended as follows: Cancel claims 29-34.

Allowable Subject Matter

Claims 18, 20-28 and 35-40 are allowed.

The following is an examiner's statement of reasons for allowance:

In reference to claim 18, Collins teaches a device comprising:

A high frequency generator (Fig.1 (31));

A plasma source for generating high frequency electromagnetic alternating field power to be applied to the plasma source with assistance of a high frequency generator (Col.11, lines: 25-40);

A reactor for generating the plasma from reactive particles through the action of the high-frequency alternating filed upon a reactive gas or a reactive gas mixture (Abs., lines: 1-15);

And a first arrangement for producing a periodical change in the high-frequency power applied to the plasma source (Col.4, lines: 55-65).

However Collins ('501) fails to teach wherein the first arrangement includes a digital ramp generator being programmed via a software in the component and an analog ramp generator for controlling the power of the high frequency generator.

Tulk et al ('039) teaches implementing a digital and analog ramp generator to control power for a high frequency generator but does so for a lamp flashing system. Further Tulk fails to teach that the digital ramp generator be programmed via software.

Consequently, even in combination Tulk and Collins fail to teach controlling the power for a high frequency generator by a digital ramp generator programmed via software for plasma etching purposes. Therefore, Applicant's claims are deemed to be allowable over prior art.

Claims 24 and 40 also contain this allowable subject matter and are therefore also considered to be allowable.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

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Any inquiry concerning this communication or earlier communications from the examiner should be directed to Laura M Schillinger whose telephone number is (703) 308-6425. The examiner can normally be reached on M-T, R-F 7:00-5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Carl W Whitehead, Jr. can be reached on (703) 308-4940. The fax phone number for the organization where this application or proceeding is assigned is (703) 872-9306.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 308-0956.

LMS

November 13, 2003